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THE LABOUR FORCE, NEW SOUTH WALES, FEBRUARY 1980STATE
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26 MAY 1982

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EXPLANATORY NOTES

1. This bulletin contains estimates relating to the civilian labour force and to those not in the labour force. The estimates have been derived from the results of the Population Survey, which is conducted on a sample basis throughout Australia. From February 1978, the Survey has been conducted each month. Previously, the Survey was conducted in February, May, August, and November of each year. Figures shown for periods prior to February 1978 have been revised to make them as comparable as possible with the results of the monthly Population Survey - see the February 1979 issue of this bulletin for details.

2. Statistics similar to those contained in Tables 1 and 2 of this bulletin are published each month as they become available, in the publication Monthly Summary of Statistics (1305.1) which is available free on request to this Office. Other data contained in this bulletin are also available each month (except for the occupation and industry details for employed persons, which are available only on a quarterly basis). In addition, other unpublished data may also be available. These data, if required each month as they become available, may be obtained from this Office.

3. The Population Survey. The Survey is based on a multi-stage sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about one-half of one per cent of the population of New South Wales. The information is obtained from the occupants of the selected dwellings by carefully chosen and specially trained interviewers, the interviews generally being conducted during the two weeks beginning on the

Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the Survey week). Before February 1978, the interviews were spread over four weeks, chosen so that the Survey weeks generally fell within the limits of the calendar month.

4. Scope. The Survey includes all persons aged 15 or more years, except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) non-Australians on tour or holidaying in Australia; and
- (d) members of non-Australian defence forces (and their dependants), stationed in Australia.

5. Reliability of the estimates. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, they may differ from figures that would have been obtained if the information had been collected from occupants of all dwellings (using the same questionnaire and interviewing procedures). One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the Survey. A Technical Note, showing the likely standard errors relating to sample estimates, is shown on page 17 of this bulletin.

6. Classifications of the labour force

(a) The Labour Force Classification used in the Survey conforms closely to that recommended by the Eighth International Conference of Labour Statisticians, 1954. The labour force comprises all civilians aged 15 or more years who, during the Survey week, were employed or unemployed. The Survey week comprises the seven days preceding the interview week (see note 3 above). The activities of persons in this period of reference are used in determining the classification of those who are employed. In addition to this week, the 3 weeks preceding it are also considered in identifying the unemployed. More detailed definitions of these two groups follow.

(b) Employed persons

i. These comprise all civilians aged 15 or more years who, during the Survey week :

- . worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers, and self-employed persons); or
- . worked for 15 or more hours without pay in a family business or on a farm (i.e. unpaid family helper); or
- . were employees who had a job, but were not at work and were on paid leave, were on leave without pay for less than four weeks up to the end of the Survey week, were stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the Survey week, were on strike or locked out, were on workers' compensation and expected to be returning to their job, or were receiving wages or salary while undertaking full-time study; or
- . were employers or self-employed who had a job, business or farm, but were not at work.

ii. These employed persons can be classified into :

- . full-time workers (i.e. those who usually work 35 hours a week or more, and others who, although usually part-time workers, worked 35 hours or more during the Survey week); and
- . part-time workers (i.e. those who usually work less than 35 hours a week, and who did so during the Survey week).

A person who held more than one job is counted only once - in the job in which he worked most hours during the Survey week.

(c) Unemployed persons comprise all civilians aged 15 or more years who were not employed during the Survey week and :

- i. had actively looked for full-time or part-time work at any time in the four weeks up to the end of the Survey week, and :
 - . were available for work in the Survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the Survey week); or
 - . were waiting to start a new job within four weeks from the end of the Survey week, and would have started in the Survey week if the job had been available then; or
- ii. were waiting to be called back to a full-time or part-time job, from which they had been stood down without pay for less than four weeks up to the end of the Survey week (including the whole of the Survey week), for reasons other than bad weather or plant breakdown.

Note. The figures shown in this bulletin for the number of persons unemployed should not be confused with those issued by the Commonwealth Department of Employment and Youth Affairs; the latter figures represent the number of persons registered as unemployed with the Commonwealth Employment Service.

(d) Persons not in the labour force are those who, during the Survey week, were not

in the categories 'employed' or 'unemployed', as defined.

7. Industry classification. The classification of industries is in accordance with the Australian Standard Industrial Classification (ASIC) described in the Bureau publication Australian Standard Industrial Classification, Vol. 1 - The Classification (1201.0). From November 1979, classification is according to the 1978 Edition of ASIC while for earlier periods classification was according to the 1969 (Preliminary) Edition.

8. Occupation classification. The classification of occupations is in accordance with the Classification and Classified List of Occupations (Revised, June 1976).

9. Comparability of series. When comparing estimates for February 1978 and subsequent months with those for earlier periods, it should be noted that with the introduction of monthly surveys the interviews are now conducted during a two-week period whereas formerly the period was four weeks (see note 3). This change of timing may affect the level of the figures for any month, but particularly for months during which unemployment may be changing rapidly.

10. Related publications

(a) Users may also wish to refer to the following publications, which are available free on request :

Unemployment : Preliminary Estimates (6201.0)

The Labour Force (Preliminary) (6202.0)

The Labour Force (6203.0)

Information Paper : Questionnaires used in the Labour Force Survey (6232.0)

(b) In addition to the regular demographic and labour force characteristics which are contained in the above publications, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. The results of these surveys are published separately. A list of such publications is contained in the back of the monthly publication The Labour Force (6203.0). Copies of publications containing supplementary survey information are available free on request.

(c) All publications produced by the ABS are listed in Catalogue of Publications (1101.0) which is available free of charge from any ABS Office.

11. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made as shown in the Inquiries section of this publication.

Symbols and other usages.

* Subject to sampling variability too high for most practical purposes.

n.a. Not available.

r Figure or series revised since previous issue.

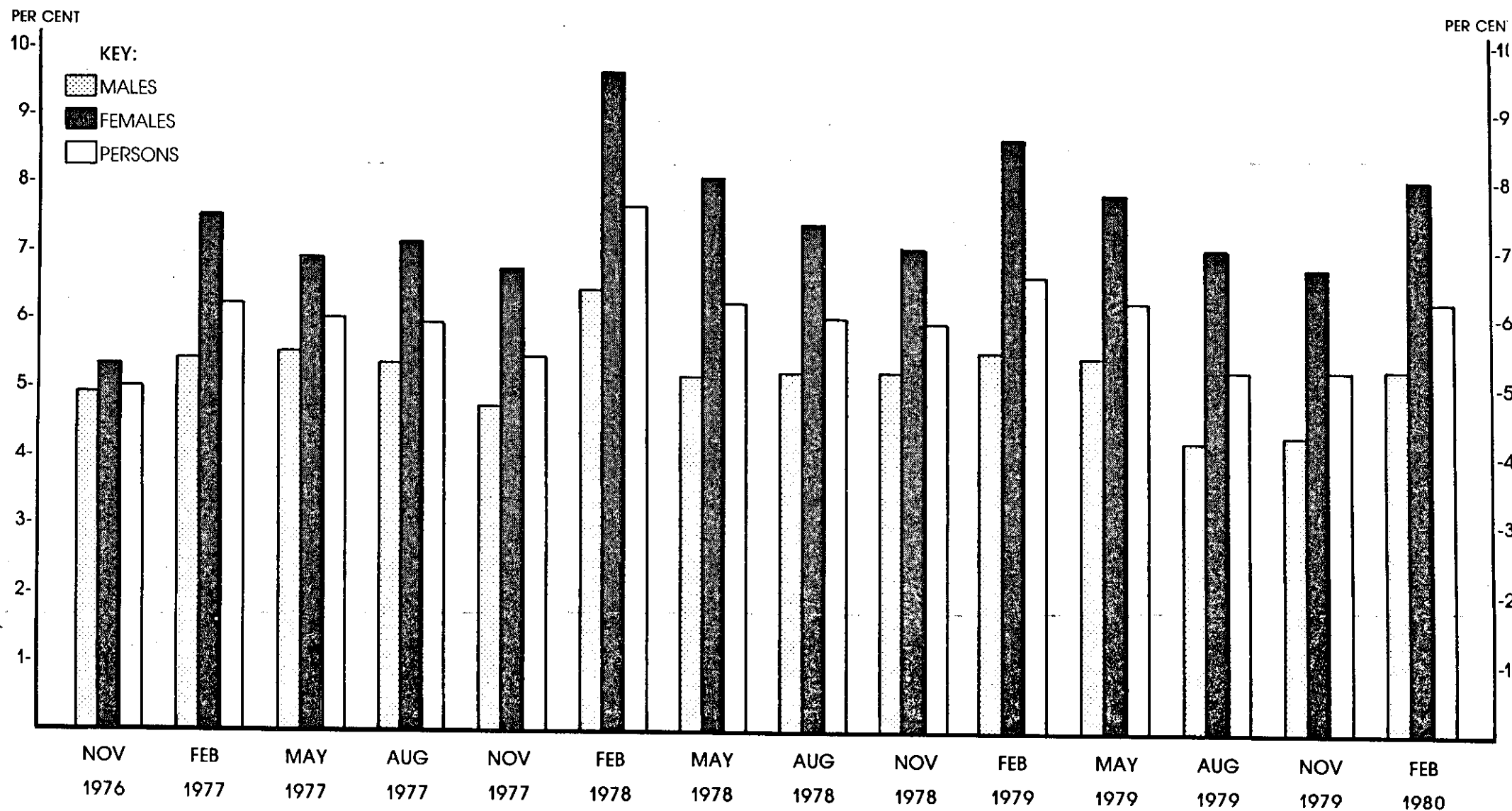
Where figures have been rounded, discrepancies may occur between sums of the component items and the totals shown.

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Deputy Commonwealth Statistician

July 1980

UNEMPLOYMENT RATES

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)



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TABLE 1. CIVILIAN POPULATION AGED 15 OR MORE YEARS, CLASSIFIED BY EMPLOYMENT STATUS, N.S.W.

Month	Employed (^{'000})	Unemployed		Total labour force		Not in labour force (^{'000})	Civilian populat- ion aged 15 or more years (^{'000})
		Number (^{'000})	Unemploy- ment Rate (a) (per cent)	Number (^{'000})	Particip- ation Rate (b) (per cent)		
MALES							
1976: February	1,363.1	70.4	4.9	1,433.5	81.2	330.9	1,764.4
1977: February	1,355.6	77.8	5.4	1,433.4	80.2	354.6	1,788.0
1978: February	1,354.8	93.0	6.4	1,447.8	79.7	367.8	1,815.6
1979: January	1,359.7	82.7	5.7	1,442.3	78.3	398.6	1,840.9
February	1,366.7	79.8	5.5	1,446.4	78.4	398.0	1,844.4
March	1,367.5	77.6	5.4	1,445.1	78.0	407.1	1,852.2
April	1,371.4	79.5	5.5	1,450.9	78.2	403.7	1,854.6
May	1,365.4	77.9	5.4	1,443.3	77.6	415.7	1,859.0
June	1,371.9	73.5	5.1	1,445.4	77.7	415.0	1,860.4
July	1,374.1	72.5	5.0	1,446.6	77.7	416.0	1,862.6
August	1,380.1	61.2	4.2	1,441.3	77.3	423.6	1,864.9
September	1,385.7	65.1	4.5	1,450.8	77.9	411.7	1,862.5
October	1,378.5	64.7	4.5	1,443.2	77.4	421.8	1,865.0
November	1,384.3	61.9	4.3	1,446.2	77.4	421.5	1,867.7
December	1,404.7	73.9	5.0	1,478.6	79.0	393.0	1,871.6
1980: January	1,388.8	81.1	5.5	1,469.9	78.4	404.3	1,874.2
February	1,395.1	77.1	5.2	1,472.2	78.4	404.4	1,876.7
MARRIED FEMALES							
1976: February	471.6	26.2	5.3	497.7	41.4	703.5	1,201.2
1977: February	462.3	24.9	5.1	487.3	40.5	715.9	1,203.1
1978: February	458.8	29.9	6.1	488.6	41.0	704.3	1,193.0
1979: January	441.7	20.4	4.4	462.1	38.1	751.8	1,214.0
February	465.4	26.4	5.4	491.9	40.3	727.7	1,219.6
March	469.9	27.4	5.5	497.2	40.8	721.4	1,218.6
April	468.1	26.1	5.3	494.3	40.6	722.3	1,216.6
May	465.3	23.3	4.8	488.6	39.8	739.3	1,227.9
June	467.0	24.0	4.9	491.0	40.5	722.3	1,213.3
July	475.3	26.5	5.3	501.8	41.4	710.8	1,212.6
August	457.7	23.0	4.8	480.7	39.7	729.8	1,210.6
September	471.9	25.0	5.0	497.0	41.1	712.4	1,209.4
October	483.1	26.3	5.2	509.4	42.2	697.7	1,207.1
November	491.1	22.8	4.4	513.9	42.3	701.8	1,215.7
December	481.6	20.9	4.2	502.5	41.4	710.3	1,212.9
1980: January	454.5	21.4	4.5	475.9	39.0	745.8	1,221.7
February	476.5	27.5	5.5	504.0	41.3	715.1	1,219.1

For footnotes, see page 7.

TABLE 1. CIVILIAN POPULATION AGED 15 OR MORE YEARS, CLASSIFIED BY EMPLOYMENT STATUS,
N.S.W. (continued)

Month	Employed (^{'000})	Unemployed		Total labour force		Not in labour force (^{'000})	Civilian populat- ion aged 15 or more years (^{'000})
		Number (^{'000})	Unemploy- ment Rate (a) (per cent)	Number (^{'000})	Particip- ation Rate (b) (per cent)		
ALL FEMALES							
1976: February	733.0	56.6	7.2	789.6	43.3	1,033.6	1,823.2
1977: February	728.6	59.2	7.5	787.8	42.6	1,060.1	1,847.9
1978: February	735.7	78.1	9.6	813.8	43.3	1,064.5	1,878.3
1979: January	721.9	64.0	8.1	785.9	41.2	1,119.7	1,905.6
February	735.6	68.9	8.6	804.5	42.1	1,104.6	1,909.0
March	746.8	65.8	8.1	812.6	42.4	1,102.3	1,914.9
April	742.0	66.2	8.2	808.1	42.1	1,110.4	1,918.6
May	735.6	62.1	7.8	797.7	41.5	1,123.3	1,921.1
June	742.1	59.7	7.4	801.8	41.7	1,120.7	1,922.5
July	752.9	60.1	7.4	812.9	42.2	1,112.1	1,925.0
August	737.0	55.6	7.0	792.6	41.1	1,134.8	1,927.4
September	759.9	59.1	7.2	819.0	42.5	1,108.8	1,927.8
October	768.3	59.3	7.2	827.6	42.9	1,102.8	1,930.4
November	780.5	56.1	6.7	836.6	43.3	1,096.6	1,933.1
December	777.3	61.6	7.3	838.8	43.3	1,097.8	1,936.7
1980: January	749.2	62.8	7.7	812.0	41.9	1,127.2	1,939.1
February	775.6	67.5	8.0	843.1	43.4	1,098.6	1,941.7
PERSONS							
1976: February	2,096.0	127.0	5.7	2,223.1	62.0	1,364.5	3,587.6
1977: February	2,084.1	137.0	6.2	2,221.2	61.1	1,414.7	3,635.9
1978: February	2,090.5	171.1	7.6	2,261.6	61.2	1,432.3	3,693.9
1979: January	2,081.6	146.7	6.6	2,228.3	59.5	1,518.2	3,746.5
February	2,102.3	148.6	6.6	2,250.9	60.0	1,502.5	3,753.5
March	2,114.3	143.4	6.4	2,257.7	59.9	1,509.4	3,767.1
April	2,113.3	145.7	6.4	2,259.0	59.9	1,514.1	3,773.2
May	2,101.0	140.1	6.2	2,241.1	59.3	1,539.0	3,780.1
June	2,114.1	133.2	5.9	2,247.2	59.4	1,535.7	3,782.9
July	2,127.0	132.6	5.9	2,259.6	59.7	1,528.1	3,787.6
August	2,117.1	116.8	5.2	2,233.9	58.9	1,558.3	3,792.2
September	2,145.6	124.3	5.5	2,269.8	59.9	1,520.5	3,790.3
October	2,146.8	124.0	5.5	2,270.9	59.8	1,524.5	3,795.4
November	2,164.8	118.0	5.2	2,282.8	60.1	1,518.0	3,800.8
December	2,182.0	135.5	5.8	2,317.5	60.9	1,490.8	3,808.2
1980: January	2,137.9	143.9	6.3	2,281.8	59.8	1,531.5	3,813.3
February	2,170.7	144.6	6.2	2,315.3	60.6	1,503.1	3,818.4

(a) The number of unemployed in each group as a percentage of the total labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 or more years in the same group.

TABLE 2. CIVILIAN POPULATION AGED 15 OR MORE YEARS,
CLASSIFIED BY EMPLOYMENT STATUS, SYDNEY STATISTICAL DIVISION

Month	Employed (^{'000})	Unemployed		Total labour force		Not in labour force (^{'000})	Civilian populat- ion aged 15 or more years (^{'000})
		Number (^{'000})	Unemploy- ment Rate (a) (per cent)	Number (^{'000})	Particip- ation Rate (b) (per cent)		
MALES							
1977: February	864.3	51.1	5.6	915.4	80.9	215.8	1,131.2
1978: February	863.3	57.4	6.2	920.7	80.3	226.5	1,147.2
1979: January	864.6	50.7	5.5	915.4	78.6	249.5	1,164.8
February	866.2	49.0	5.4	915.2	78.4	251.9	1,167.1
1979: October	874.4	36.8	4.0	911.1	77.5	264.9	1,176.0
November	875.2	39.4	4.3	914.5	77.8	261.2	1,175.7
December	886.4	45.1	4.8	931.5	79.1	246.6	1,178.2
1980: January	873.6	50.1	5.4	923.7	78.3	256.0	1,179.7
February	877.1	47.5	5.1	924.6	78.3	256.8	1,181.4
MARRIED FEMALES							
1977: February	315.5	15.5	4.7	331.0	43.3	434.0	765.0
1978: February	316.5	18.6	5.5	335.1	43.9	427.6	762.7
1979: January	302.6	12.9	4.1	315.5	41.0	453.8	769.3
February	323.4	15.3	4.5	338.7	44.0	431.7	770.4
1979: October	327.3	15.8	4.6	343.2	44.8	422.7	765.9
November	334.9	13.1	3.8	348.0	45.3	419.8	767.8
December	328.8	12.0	3.5	340.8	44.3	428.3	769.2
1980: January	305.7	14.0	4.4	319.6	41.7	447.8	767.4
February	322.3	16.8	5.0	339.1	44.2	428.9	768.0
ALL FEMALES							
1977: February	508.7	35.5	6.5	544.2	45.3	656.5	1,200.7
1978: February	512.7	46.5	8.3	559.2	45.8	661.5	1,220.7
1979: January	505.8	39.1	7.2	544.9	44.0	693.4	1,238.3
February	520.9	42.2	7.5	563.2	45.4	677.4	1,240.5
1979: October	530.6	34.6	6.1	565.2	45.2	685.3	1,250.5
November	541.5	32.7	5.7	574.2	45.9	676.0	1,250.3
December	539.1	34.3	6.0	573.4	45.8	679.2	1,252.6
1980: January	517.6	38.2	6.9	555.7	44.3	698.4	1,254.2
February	534.8	38.1	6.7	573.0	45.6	682.9	1,255.9
PERSONS							
1977: February	1,373.0	86.6	5.9	1,459.6	62.6	872.3	2,331.9
1978: February	1,376.0	103.9	7.0	1,479.9	62.5	888.0	2,367.9
1979: January	1,370.4	89.9	6.2	1,460.2	60.8	942.9	2,403.2
February	1,387.1	91.2	6.2	1,478.3	61.4	929.3	2,407.6
1979: October	1,405.0	71.4	4.8	1,476.3	60.8	950.2	2,426.5
November	1,416.7	72.1	4.8	1,488.8	61.4	937.3	2,426.0
December	1,425.6	79.4	5.3	1,504.9	61.9	925.8	2,430.7
1980: January	1,391.1	88.3	6.0	1,479.4	60.8	954.4	2,433.8
February	1,411.9	85.7	5.7	1,497.5	61.4	939.7	2,437.3

For footnotes, see page 7.

TABLE 3. CIVILIAN POPULATION AGED 15 OR MORE YEARS,
CLASSIFIED BY EMPLOYMENT STATUS, N.S.W. : AREAS OUTSIDE SYDNEY STATISTICAL DIVISION

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 or more years ('000)
		Number ('000)	Unemploy- ment Rate (a) (per cent)	Number ('000)	Particip- ation Rate (b) (per cent)		
MALES							
1977: February	491.3	26.7	5.2	518.0	78.9	138.8	656.8
1978: February	491.5	35.6	6.8	527.1	78.9	141.3	668.4
1979: January	495.1	31.9	6.1	527.0	77.9	149.1	676.1
February	500.5	30.7	5.8	531.3	78.4	146.1	677.4
1979: October	504.2	27.9	5.2	532.1	77.2	156.9	689.0
November	509.1	22.6	4.2	531.7	76.8	160.2	691.9
December	518.3	28.8	5.3	547.1	78.9	146.3	693.4
1980: January	515.2	31.1	5.7	546.2	78.6	148.3	694.5
February	518.1	29.6	5.4	547.6	78.8	147.7	695.3
MARRIED FEMALES							
1977: February	146.8	9.4	6.0	156.2	35.7	281.9	438.1
1978: February	142.2	11.3	7.4	153.5	35.7	276.7	430.2
1979: January	139.1	7.6	5.2	146.6	33.0	298.0	444.6
February	142.0	11.2	7.3	153.2	34.1	296.0	449.2
1979: October	155.7	10.5	6.3	166.2	37.7	275.0	441.2
November	156.2	9.7	5.8	165.9	37.0	282.0	447.9
December	152.7	8.9	5.5	161.7	36.4	282.0	443.7
1980: January	148.9	7.4	4.8	156.3	34.4	298.0	454.3
February	154.2	10.7	6.5	164.9	36.6	286.2	451.1
ALL FEMALES							
1977: February	219.9	23.7	9.7	243.6	37.6	403.6	647.2
1978: February	223.0	31.6	12.4	254.6	38.7	403.0	657.6
1979: January	216.2	24.9	10.3	241.0	36.1	426.2	667.2
February	214.7	26.6	11.0	241.3	36.1	427.2	668.5
1979: October	237.7	24.7	9.4	262.4	38.6	417.5	679.9
November	239.0	23.3	8.9	262.3	38.4	420.5	682.8
December	238.1	27.3	10.3	265.4	38.8	418.6	684.1
1980: January	231.6	24.6	9.6	256.2	37.4	428.7	685.0
February	240.8	29.4	10.9	270.1	39.4	415.7	685.8
PERSONS							
1977: February	711.2	50.4	6.6	761.6	58.4	542.4	1,304.0
1978: February	714.4	67.2	8.6	781.7	59.0	544.3	1,326.0
1979: January	711.2	56.8	7.4	768.0	57.2	575.3	1,343.3
February	715.2	57.4	7.4	772.6	57.4	573.3	1,345.9
1979: October	741.9	52.7	6.6	794.5	58.0	574.4	1,368.9
November	748.1	45.9	5.8	794.0	57.8	580.7	1,374.8
December	756.4	56.1	6.9	812.5	59.0	565.0	1,377.5
1980: January	746.8	55.7	6.9	802.5	58.2	577.0	1,379.5
February	758.8	58.9	7.2	817.8	59.2	563.4	1,381.1

For footnotes, see page 7.

TABLE 4. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY, N.S.W.
('000)

Month	Agriculture and services to agriculture	Manufacturing	Construction	Wholesale and retail trade	Transport and storage	Finance, etc.	Community services (b)	Other industries (c)	Total
MALES									
1977: Feb.	82.2	350.5	157.4	242.7	102.3	93.7	110.0	216.7	1,355.6
1978: Feb.	80.0	346.2	139.1	240.1	97.3	100.0	119.2	232.8	1,354.8
1978: Nov.	85.5	328.2	132.4	245.4	108.4	95.2	116.3	224.5	1,336.0
1979: Feb.	79.9	340.8	134.8	246.2	105.8	101.8	122.2	235.1	1,366.7
May	83.9	347.9	135.5	244.1	101.7	102.4	114.6	235.4	1,365.4
Aug.	82.9	354.1	132.9	242.5	104.9	106.4	120.8	235.6	1,380.1
Nov.(d)	89.3	342.7	143.5	251.1	107.9	105.1	116.2	228.4	1,384.3
1980: Feb.	91.2	350.2	154.4	249.0	104.4	103.7	119.1	223.1	1,395.1
FEMALES									
1977: Feb.	23.9	124.1	10.8	164.2	15.6	85.2	191.1	113.8	728.6
1978: Feb.	22.3	116.7	11.8	177.1	17.4	86.3	184.3	119.7	735.7
1978: Nov.	21.6	117.9	10.6	174.8	19.1	94.4	191.0	123.0	752.4
1979: Feb.	21.0	116.7	11.4	176.3	17.6	95.1	185.6	111.9	735.6
May	18.4	121.1	10.3	186.5	21.1	86.9	181.0	110.3	735.6
Aug.	17.3	123.0	8.8	174.6	19.5	86.3	194.0	113.5	737.0
Nov.(d)	23.0	120.3	12.3	196.7	18.4	89.0	205.7	115.1	780.5
1980: Feb.	23.9	121.3	13.9	192.9	17.2	89.2	190.4	126.8	775.6
PERSONS									
1977: Feb.	106.2	474.6	168.1	406.8	117.9	178.9	301.1	330.4	2,084.1
1978: Feb.	102.3	462.9	151.0	417.2	114.7	186.3	303.5	352.6	2,090.5
1978: Nov.	107.1	446.1	143.0	420.2	127.5	189.6	307.3	347.6	2,088.3
1979: Feb.	100.9	457.6	146.2	422.5	123.3	196.9	307.8	347.0	2,102.3
May	102.2	469.0	145.8	430.6	122.8	189.3	295.6	345.7	2,101.0
Aug.	100.2	477.1	141.7	417.1	124.4	192.7	314.8	349.1	2,117.1
Nov.(d)	112.3	463.1	155.8	447.9	126.3	194.1	321.9	343.6	2,164.8
1980: Feb.	115.1	471.5	168.3	441.9	121.6	192.9	309.5	349.9	2,170.7

(a) Aged 15 or more years.

(b) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services.

(c) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services.

(d) From November 1979, classification is according to the 1978 Edition of ASIC (see paragraph 7 of Explanatory Notes).

TABLE 5. EMPLOYED PERSONS (a) CLASSIFIED BY AGE GROUP, N.S.W.
('000)

Month	Age group (years)								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 or more	
MALES									
1977: Feb.	113.8	167.8	357.4	271.9	258.5	101.1	60.4	24.6	1,355.6
1978: Feb.	112.8	166.1	355.2	273.8	254.3	101.6	64.1	26.8	1,354.8
1979: Jan.	118.8	171.1	365.2	282.3	248.5	97.4	52.2	24.1	1,359.7
Feb.	120.1	169.8	365.2	285.3	252.3	98.1	54.1	21.7	1,366.7
1979: Oct.	110.7	171.6	370.7	292.2	250.8	106.9	53.1	22.5	1,378.5
Nov.	112.5	174.2	369.7	295.4	250.5	105.9	53.0	23.0	1,384.3
Dec.	128.5	179.1	368.7	296.2	248.5	105.7	55.1	22.9	1,404.7
1980: Jan.	121.5	181.0	362.6	292.1	248.2	105.7	55.5	22.1	1,388.8
Feb.	123.6	179.8	367.2	294.9	250.2	105.8	53.0	20.7	1,395.1
MARRIED FEMALES									
1977: Feb.	5.4	58.4	129.6	125.4	106.8	24.4	9.0	*	462.3
1978: Feb.	6.1	58.1	134.1	128.4	96.1	24.9	7.9	*	458.8
1979: Jan.	*	50.8	137.3	123.6	91.3	24.7	7.4	*	441.7
Feb.	*	54.2	139.9	132.1	97.0	25.4	9.1	*	465.4
1979: Oct.	*	50.5	148.4	143.2	103.9	25.6	6.7	*	483.1
Nov.	*	51.5	145.6	145.0	106.4	29.2	7.9	*	491.1
Dec.	4.8	53.6	141.3	140.8	105.7	26.8	6.5	*	481.6
1980: Jan.	6.0	50.5	132.2	132.3	97.6	26.2	7.6	*	454.5
Feb.	4.8	50.0	143.0	143.0	98.9	25.7	8.2	*	476.5
ALL FEMALES									
1977: Feb.	93.5	127.7	170.8	144.9	130.6	34.8	16.8	9.4	728.6
1978: Feb.	100.7	130.6	174.6	146.7	123.7	37.6	13.3	8.5	735.7
1979: Jan.	99.5	122.9	182.9	145.5	115.4	36.8	12.4	6.6	721.9
Feb.	98.9	124.0	182.1	153.8	121.4	34.9	14.2	6.3	735.6
1979: Oct.	90.9	129.8	198.9	167.4	127.2	35.5	12.4	6.2	768.3
Nov.	99.5	130.3	193.9	170.0	128.4	39.0	13.0	6.4	780.5
Dec.	104.9	133.6	190.4	167.5	126.4	36.0	12.2	6.2	777.3
1980: Jan.	107.9	130.3	179.6	158.6	117.6	35.2	13.9	6.0	749.2
Feb.	103.5	133.0	190.2	171.2	121.3	34.9	14.4	7.1	775.6
PERSONS									
1977: Feb.	207.3	295.5	528.2	416.9	389.2	135.9	77.2	34.0	2,084.1
1978: Feb.	213.5	296.7	529.7	420.5	378.0	139.2	77.5	35.4	2,090.5
1979: Jan.	218.4	294.0	548.1	427.8	363.8	134.1	64.6	30.7	2,081.6
Feb.	219.0	293.7	547.4	439.1	373.8	133.0	68.3	28.0	2,102.3
1979: Oct.	201.7	301.4	569.5	459.7	378.1	142.4	65.5	28.7	2,146.8
Nov.	211.9	304.6	563.6	465.4	378.9	144.9	66.1	29.4	2,164.8
Dec.	233.5	312.6	559.1	463.7	374.9	141.8	67.3	29.1	2,182.0
1980: Jan.	229.5	311.3	542.2	450.7	365.8	140.9	69.4	28.2	2,137.9
Feb.	227.1	312.8	557.3	466.1	371.5	140.7	67.4	27.8	2,170.7

(a) Aged 15 or more years.

TABLE 6. EMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION, N.S.W.
('000)

Month	Profess- ional, technical, etc.	Adminis- trative, executive, manager- ial, and clerical	Sales	Farmers, fishermen, timber- getters, miners, etc.	Transport and commu- nication	Tradesmen, product- ion - process workers, labour- ers, n.e.c.	Service, sport, and recrea- tion	Total
MALES								
1977: Feb.	164.8	224.9	83.3	106.4	112.0	585.4	78.7	1,355.6
1978: Feb.	157.5	242.4	80.2	113.8	108.6	572.7	79.6	1,354.8
1978: Nov.	165.9	222.3	91.0	117.5	103.9	560.3	75.1	1,336.0
1979: Feb.	171.8	237.1	92.8	116.8	103.9	562.8	81.5	1,366.7
May	163.8	239.9	99.0	118.4	96.2	560.8	87.2	1,365.4
Aug.	159.7	246.1	94.3	111.8	96.5	580.9	90.8	1,380.1
Nov.	149.4	257.1	91.5	117.3	99.2	586.1	83.8	1,384.3
1980: Feb.	158.5	239.4	94.7	123.6	94.8	604.2	79.9	1,395.1
FEMALES								
1977: Feb.	126.5	269.5	90.2	21.9	17.6	86.8	116.1	728.6
1978: Feb.	116.6	275.8	93.5	23.1	14.2	82.0	130.6	735.7
1978: Nov.	124.7	291.6	96.5	21.9	15.4	83.4	119.0	752.4
1979: Feb.	129.2	276.4	96.1	21.0	17.4	81.4	114.1	735.6
May	126.3	266.3	104.5	18.3	19.1	81.2	119.9	735.6
Aug.	131.6	271.0	95.7	17.3	14.7	88.2	118.4	737.0
Nov.	138.4	293.6	110.8	22.5	16.1	83.8	115.4	780.5
1980: Feb.	126.7	296.1	106.9	22.5	16.6	85.4	121.4	775.6
PERSONS								
1977: Feb.	291.3	494.3	173.5	128.4	129.6	672.2	194.8	2,084.1
1978: Feb.	274.1	518.2	173.6	136.9	122.8	654.7	210.1	2,090.5
1978: Nov.	290.6	513.9	187.4	139.3	119.3	643.7	194.1	2,088.3
1979: Feb.	301.0	513.4	188.9	137.8	121.3	644.3	195.6	2,102.3
May	290.1	506.2	203.5	136.6	115.3	642.1	207.1	2,101.0
Aug.	291.3	517.1	190.0	129.1	111.2	669.1	209.2	2,117.1
Nov.	287.8	550.7	202.3	139.7	115.3	669.8	199.2	2,164.8
1980: Feb.	285.2	535.6	201.6	146.1	111.3	689.7	201.3	2,170.7

(a) Aged 15 or more years.

TABLE 7. EMPLOYED PERSONS (a) CLASSIFIED BY FULL-TIME OR PART-TIME STATUS, N.S.W.
('000)

Month	Full-time			Part-time			Total employed		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1977: Feb.	1,290.6	498.3	1,789.0	64.9	230.3	295.2	1,355.6	728.6	2,084.1
1978: Feb.	1,283.6	500.9	1,784.5	71.2	234.8	305.9	1,354.8	735.7	2,090.5
1979: Jan.	1,294.7	510.9	1,805.6	65.0	211.1	276.1	1,359.7	721.9	2,081.6
Feb.	1,305.8	502.6	1,808.3	60.9	233.0	294.0	1,366.7	735.6	2,102.3
1979: Oct.	1,307.4	504.0	1,811.5	71.1	264.3	335.4	1,378.5	768.3	2,146.8
Nov.	1,306.5	516.0	1,822.4	77.8	264.5	342.3	1,384.3	780.5	2,164.8
Dec.	1,332.1	524.5	1,856.6	72.6	252.7	325.4	1,404.7	777.3	2,182.0
1980: Jan.	1,318.2	528.1	1,846.3	70.5	221.1	291.6	1,388.8	749.2	2,137.9
Feb.	1,322.4	530.1	1,852.5	72.8	245.5	318.2	1,395.1	775.6	2,170.7

(a) Aged 15 or more years.

TABLE 8. UNEMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY (b), N.S.W.
('000)

Category	November 1978	February 1979	May 1979	August 1979	November 1979 (c)	February 1980
Industry division -						
Agriculture and services to agriculture	*	*	4.7	4.6	*	*
Manufacturing	18.5	20.9	22.2	21.2	20.8	22.6
Construction	12.2	10.3	10.8	6.4	6.3	7.7
Wholesale and retail trade	18.4	19.5	21.4	16.1	12.1	17.5
Transport and storage	*	*	*	*	*	*
Finance, property, and business services	*	*	5.5	*	*	*
Community services (d)	6.8	8.9	7.5	6.8	7.2	8.6
Other Industries (e)	11.7	12.8	12.4	12.7	11.2	13.2
Total, classified by industry	78.6	83.5	87.4	72.8	64.9	79.6
Stood down	(f)	(f)	(f)	(f)	*	*
Looking for first full-time job	25.6	33.9	27.0	22.2	23.1	31.8
Other (g)	26.3	31.3	25.7	21.9	27.5	31.7
Total unemployed persons	130.5	148.6	140.1	116.8	118.0	144.6

(a) Aged 15 or more years.

(b) Industry of last full-time job held for two weeks or more within the last two years.

(c) From November 1979, classification is according to the 1978 Edition of ASIC (see paragraph 7 of Explanatory Notes).

(d) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services.

(e) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services.

(f) Prior to November 1979, these persons have been included in the industry group from which they were stood down.

(g) Persons who have not worked full-time for two weeks or more during the last two years.

TABLE 9. UNEMPLOYED PERSONS (a) CLASSIFIED BY AGE GROUP, N.S.W.
('000)

Month	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 or more	
MALES							
1977: February	26.0	15.9	13.8	8.8	6.4	6.8	77.8
1978: February	30.2	15.2	18.7	13.6	8.0	7.3	93.0
1979: January	31.8	17.3	13.0	8.0	6.4	6.3	82.7
February	24.5	18.4	13.9	9.8	4.9	8.4	79.8
1979: October	19.2	12.5	13.8	8.3	5.8	5.1	64.7
November	19.0	12.6	12.3	6.3	6.1	5.6	61.9
December	27.3	13.5	14.8	6.0	7.1	5.2	73.9
1980: January	28.1	14.5	18.6	9.3	6.6	*	81.1
February	25.0	14.8	16.2	9.9	7.1	*	77.1
MARRIED FEMALES							
1977: February	*	6.6	7.4	7.3	*	*	24.9
1978: February	*	*	13.3	6.0	*	*	29.9
1979: January	*	*	6.7	4.6	*	*	20.4
February	*	4.5	12.1	5.1	*	*	26.4
1979: October	*	*	10.9	6.1	*	*	26.3
November	*	*	10.3	4.6	*	*	22.8
December	*	*	9.2	4.9	*	*	20.9
1980: January	*	5.6	6.2	5.2	*	*	21.4
February	*	6.0	11.5	4.7	*	*	27.5
ALL FEMALES							
1977: February	24.4	11.5	9.5	8.4	*	*	59.2
1978: February	34.4	12.2	17.3	6.6	5.3	*	78.1
1979: January	30.2	11.5	10.1	6.7	*	*	64.0
February	26.6	13.5	16.2	6.4	5.1	*	68.9
1979: October	21.2	9.4	14.3	8.0	4.5	*	59.3
November	20.1	12.2	12.5	6.1	*	*	56.1
December	28.9	10.8	11.1	6.4	*	*	61.6
1980: January	28.3	13.1	8.6	7.4	*	*	62.8
February	24.6	14.5	15.6	6.5	4.7	*	67.5
PERSONS							
1977: February	50.4	27.4	23.4	17.3	10.3	8.4	137.0
1978: February	64.7	27.4	36.0	20.2	13.3	9.6	171.1
1979: January	62.0	28.8	23.1	14.7	10.3	7.8	146.7
February	51.1	31.9	30.1	16.1	10.0	9.5	148.6
1979: October	40.4	22.0	28.1	16.3	10.3	7.0	124.0
November	39.1	24.8	24.8	12.4	9.7	7.2	118.0
December	56.2	24.3	25.9	12.4	9.9	6.7	135.5
1980: January	56.3	27.6	27.2	16.7	10.6	5.5	143.9
February	49.5	29.3	31.7	16.4	11.8	5.8	144.6

(a) Aged 15 or more years.

TABLE 10. UNEMPLOYED PERSONS (a) CLASSIFIED BY DURATION OF UNEMPLOYMENT (b), N.S.W.

Month	Unemployed persons ('000) classified by duration of unemployment							Total unemployment ('000)	Average duration of unemployment (weeks)
	Under 2 weeks	2 and under 4 weeks	4 and under 8 weeks	8 and under 13 weeks	13 and under 26 weeks	26 and under 39 weeks	39 or more weeks		
MALES									
1977: Feb.	4.7	9.2	14.5	16.1	10.7	7.6	15.0	77.8	20.3
1978: Feb.	6.7	9.3	17.8	17.0	12.9	8.7	20.7	93.0	27.3
1979: Jan.	5.6	8.5	20.9	10.4	13.4	7.7	16.2	82.7	25.6
Feb.	5.9	5.9	12.4	12.5	11.2	9.9	21.9	79.8	33.8
1979: Oct.	*	5.2	7.3	9.2	10.0	5.9	22.9	64.7	37.9
Nov.	6.3	5.2	7.6	7.5	7.2	7.2	21.1	61.9	38.2
Dec.	10.4	12.2	10.1	7.9	7.8	7.1	18.4	73.9	29.2
1980: Jan.	6.3	11.6	18.1	12.2	8.4	7.2	17.3	81.1	25.6
Feb.	7.0	9.5	10.9	15.9	10.0	5.4	18.4	77.1	31.4
FEMALES									
1977: Feb.	*	10.8	11.4	11.0	7.0	4.7	11.1	59.2	20.3
1978: Feb.	10.5	10.7	14.7	13.0	10.4	*	14.4	78.1	21.0
1979: Jan.	8.8	5.8	16.2	7.7	6.7	6.0	12.7	64.0	23.9
Feb.	8.5	11.3	11.7	11.8	7.2	*	14.2	68.9	27.7
1979: Oct.	7.0	7.4	8.4	6.5	6.8	6.8	16.5	59.3	31.2
Nov.	8.0	7.3	5.4	5.8	8.0	6.4	15.1	56.1	30.5
Dec.	9.6	12.2	8.1	6.2	6.9	5.5	13.0	61.6	26.7
1980: Jan.	6.3	7.1	15.5	8.4	6.5	5.1	13.8	62.8	31.3
Feb.	6.6	7.7	12.2	11.3	6.6	5.1	17.9	67.5	32.1
PERSONS									
1977: Feb.	7.8	20.0	25.9	27.1	17.7	12.3	26.2	137.0	20.3
1978: Feb.	17.2	19.9	32.5	30.0	23.3	13.0	35.1	171.1	24.4
1979: Jan.	14.4	14.3	37.2	18.1	20.1	13.7	28.9	146.7	24.9
Feb.	14.4	17.2	24.2	24.4	18.4	13.9	36.1	148.6	31.0
1979: Oct.	11.3	12.6	15.7	15.6	16.8	12.7	39.4	124.0	34.7
Nov.	14.2	12.5	13.0	13.3	15.2	13.5	36.2	118.0	34.5
Dec.	20.0	24.5	18.2	14.1	14.7	12.6	31.5	135.5	28.0
1980: Jan.	12.6	18.8	33.6	20.6	14.9	12.3	31.1	143.9	28.1
Feb.	13.7	17.2	23.1	27.2	16.6	10.5	36.3	144.6	31.8

(a) Aged 15 or more years.

(b) Period from the time the person began looking for work, or was laid off, to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration of unemployment.

TABLE 11. UNEMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION (b), N.S.W.

('000)

Category	November 1978	February 1979	May 1979	August 1979	November 1979	February 1980
Occupation group -						
Professional, technical, etc.	4.7	6.3	5.1	*	*	7.4
Administrative, executive, managerial, and clerical	13.4	13.3	9.6	11.6	9.5	10.8
Sales	7.7	7.6	10.6	6.6	5.9	7.0
Farmers, fishermen, timber getters, miners, etc.	4.9	5.8	7.2	6.9	*	*
Transport and communication Tradesmen, production-process workers, labourers, n.e.c.	*	*	*	*	*	4.9
Service, sport, and recreation	35.1	37.1	41.9	29.8	28.7	35.8
	8.5	10.2	10.3	10.4	9.6	9.8
Total, classified by occupation	78.6	83.5	87.4	72.8	64.9	79.6
Stood down	(c)	(c)	(c)	(c)	*	*
Looking for first full-time job	25.6	33.9	27.0	22.2	23.1	31.8
Other (d)	26.3	31.3	25.7	21.9	27.5	31.7
Total unemployed persons	130.5	148.6	140.1	116.8	118.0	144.6

(a) Aged 15 or more years.

(b) Occupation of last full-time job held for two weeks or more within the last two years.

(c) Prior to November 1979, these persons have been included in the occupation group from which they were stood down.

(d) Persons who have not worked full-time for two weeks or more during the last two years.

TECHNICAL NOTE

Estimation Procedure

1. The labour force estimates are derived from the Population Survey by use of a complex ratio estimation procedure. This procedure ensures that the Survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the Estimates

2. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, the estimates and the movements derived from them are subject to sampling variability; that is they may differ from the figures that would have been obtained if all dwellings had been included in the Survey. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about nineteen chances in twenty that the difference will be less than two standard errors.

3. A table of standard errors for general application to estimates derived from the survey, from November 1977, is given below. Details of standard errors for estimates prior to November 1977 are contained in the bulletin The Labour Force, Australia, 1978 (6204.0). The figures will not give a precise measure of standard error of a particular estimate since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics. However, they will provide an indication of the magnitude of the standard error of any estimate shown in this bulletin.

4. An example of the use of Columns (2) and (3) of the table is as follows :-

If the estimate obtained from the sample is 100,000 (see Column (1)) the standard error is 3.9 per cent of the

estimate, i.e. 3,900 - and there are about two chances in three that the true figure is within the range 96,100 to 103,900 and about nineteen chances in twenty that this figure is between 92,200 and 107,800. As the standard errors in Column (3) show, the smaller the estimate, the higher is the per cent standard error.

5. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than on the size of the movement. An indication of the magnitude of standard errors of monthly movements is also given in the Table, Column (4) - where the standard error of the monthly movement is read against the larger of the two estimates appearing in Column (1) from which the movement is derived. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive years, or between two other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Column (4) of the Table. An example of the use of Column (4) is as follows :

If the estimates for two successive months are 480,000 and 500,000 (i.e. an increase of 20,000), this Column shows that the standard error of the monthly movement will be 5,100 (the figure shown in the Column against 500,000 in Column 1). That is, there are about two chances in three that the monthly movement lies between 14,900 and 25,100 and about nineteen chances in twenty that it lies between 9,800 and 30,200.

A guide to the standard errors of quarterly and annual movements for periods from February 1978 can be obtained by multiplying the figures in Column (4) (standard errors of monthly movements) by 1.4. The standard errors of quarterly movements for periods prior to February 1978 were published in the Technical Note in the November 1977 issue of this

bulletin. The standard errors of annual movements prior to February 1978 are contained in the bulletin The Labour Force, Australia, 1978 (6204.0).

6. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories. The standard errors for Sydney Statistical Division are approximately the same as for New South Wales as a whole.

7. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the per cent standard error of the estimated percentage will generally be lower than the per cent standard error of the estimate of

the numerator. The per cent standard errors of the numerator can be obtained from Column (3) in the table below.

8. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with the inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as non-sampling errors - and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

9. Estimates below 4,500 have been excluded from this bulletin because they are subject to sampling variability too high for most practical purposes.

APPROXIMATE STANDARD ERRORS OF ESTIMATES

Size of estimate	Standard error of monthly estimate		Standard error of monthly movement (a)
Persons (1)	Persons (2)	Per cent of estimate (3)	Persons (4)
4,500	1,000	22.2	1,000
5,000	1,100	22.0	1,100
6,000	1,200	20.0	1,200
10,000	1,500	15.0	1,400
20,000	2,000	10.0	1,800
50,000	3,000	6.0	2,500
100,000	3,900	3.9	3,200
200,000	5,000	2.5	3,900
300,000	5,800	1.9	4,400
500,000	6,900	1.4	5,100
1,000,000	8,500	0.9	6,100
2,000,000	10,000	0.5	7,200

(a) The standard error of the monthly movement is read against the size of the larger of the two estimates - appearing in Column (1) - from which the movement is derived.